



FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 668.00)

Use in lieu of PTO/SB/17 (08-03)
(Form updated to reflect FY 2004 fees effective 10/1/03)

Complete if Known	
Application Number	10/047,021-Conf. #2187
Filing Date	January 17, 2002
First Named Inventor	Paul A. Moore
Examiner Name	J. Martinell
Art Unit	1631
Attorney Docket No.	PZ016P2

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METHOD OF PAYMENT (check all that apply)				
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account:				
Deposit Account Number 08-3425				
Deposit Account Name Human Genome Sciences, Inc.				
The Director is authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input checked="" type="checkbox"/> Credit any overpayments			
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application				
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				
FEE CALCULATION				
1. BASIC FILING FEE				
Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
1001 770	2001 385	Utility filing fee		
1002 340	2002 170	Design filing fee		
1003 530	2003 265	Plant filing fee		
1004 770	2004 385	Reissue filing fee		
1005 160	2005 80	Provisional filing fee		
SUBTOTAL (1)		(\$)	0.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				
Extra Fee from Claims below Fee Paid				
Total Claims 41	-23** =	18 x 18.00 =	324.00	
Independent Claims 8	-4** =	4 x 86.00 =	344.00	
Multiple Dependent				
Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)	Fee Description		
1202 18	2202 9	Claims in excess of 20		
1201 86	2201 43	Independent claims in excess of 3		
1203 290	2203 145	Multiple dependent claim, if not paid		
1204 86	2204 43	** Reissue independent claims over original patent		
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)		(\$)	668.00	

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES					
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051 65 Surcharge - late filing fee or oath	
		1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet.	
		1053	130	1053 130 Non-English specification	
		1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
		1251	110	2251 55 Extension for reply within first month	
		1252	420	2252 210 Extension for reply within second month	
		1253	950	2253 475 Extension for reply within third month	
		1254	1,480	2254 740 Extension for reply within fourth month	
		1255	2,010	2255 1,005 Extension for reply within fifth month	
		1401	330	2401 165 Notice of Appeal	
		1402	330	2402 165 Filing a brief in support of an appeal	
		1403	290	2403 145 Request for oral hearing	
		1451	1,510	1451 1,510 Petition to institute a public use proceeding	
		1452	110	2452 55 Petition to revive - unavoidable	
		1453	1,330	2453 665 Petition to revive - unintentional	
		1501	1,330	2501 665 Utility issue fee (or reissue)	
		1502	480	2502 240 Design issue fee	
		1503	640	2503 320 Plant issue fee	
		1460	130	1460 130 Petitions to the Commissioner	
		1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
		1806	180	1806 180 Submission of Information Disclosure Stmt	
		8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
		1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
		1801	770	2801 385 Request for Continued Examination (RCE)	
		1802	900	1802 900 Request for expedited examination of a design application	
		Other fee (specify)			
		*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 0.00)

(Complete if applicable)					
Name (Print/Type)	Janet M. Martineau	Registration No. (Attorney/Agent)	46,903	Telephone	(301) 315-2723
Signature	<i>Janet M. Martineau</i>			Date	December 4, 2003



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Moore et al.

Docket No.: PZ016P2

Application No.: 10/047,021

Confirmation No.: 2187

Filed: January 17, 2002

Art Unit: 1631

For: Protein HKGAJ54 (As Amended Herein)

Examiner: J. Martinell

AMENDMENTS UNDER 37 C.F.R. § 1.115 AND
PROVISIONAL ELECTION WITH TRAVERSE UNDER 37 C.F.R. § 1.143

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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TECH CENTER 1600/2900

Sir:

In response to the Restriction Requirement mailed November 04, 2003 (Paper No. 103103), please enter the following amendments and consider the following remarks and provisional election, *with traverse*. Applicants submit concurrently herewith: (a) Fee Transmittal Sheet (in duplicate), with appropriate fee; and (b) Information Disclosure Statement with Form PTO/SB/08 and copies of references A and B.

Amendments to the Specification begin on page 2.

Amendments to the Claims begin on page 3.

Remarks begin on page 8.

12/05/2003 SSITHIB1 00000123 083425 10047021

01 FC:1201 344.00 DA
02 FC:1202 324.00 DA